

C. AMENDMENTS TO THE SPECIFICATION

Please replace Paragraph [0017] with the following new Paragraph [0017], as follows:

[0017] FIG. 2 is a partial cross-section front view of a ~~first~~ second embodiment of the apparatus of the present invention.

Please replace Paragraph [0025] with the following new Paragraph [0025], as follows:

[0025] As shown in FIG. 4, the methods are particularly applicable to effecting cleaning, priming and repair of TBC coatings in the flowpath of a gas turbine engine. In this embodiment, the repair process begins with step of 50 cleaning of the damaged area using a the first cleaning apparatus of FIG. 1 having an applicator 12 and fluid dispensing unit, the step further comprising the substep of 52 dispensing cleaning solution from the fluid dispensing unit to the applicator 12, followed by the substep 54 of moving the applicator 12 across the damaged coating to remove contaminants and any residual fragments of the coating. The next step 56 involves providing a second fluid dispensing apparatus such as that of FIG. 2, the second apparatus having an applicator 12 and a dispensing tube 18, the dispensing tube 18 communicably connected to the liquid reservoir on one end and to a dispensing tip 30 on the opposite end of the dispensing tube 18, the liquid reservoir 16 containing a liquid primer composition therein, followed by the step 58 of dispensing liquid primer onto the damaged coating area, followed by the step 60 of distributing the liquid primer using the applicator 12 of the second apparatus. Optionally, the method further comprises the step 62 of allowing the primer to dry, followed by the step 64 of applying a repair composition using a third apparatus such as that of FIG. 2, the third apparatus having an applicator 12 and a dispensing tube 18, the dispensing tube 18 communicably connected to a liquid reservoir 16 on one end and to a dispensing tip 30 on the opposite end of the dispensing tube 18, the liquid reservoir 16 containing a coating repair composition therein. The step 64 may be comprised of the substep 66 of dispensing the repair composition onto the damaged area, followed by the substep 68 of distributing the repair composition using the ~~second~~ third apparatus. The repair composition is preferably is a liquid mixture comprising one or more refractory materials such as ceramic, ~~or~~ glass, oxides of alumina, zirconia, hafnia, magnesia, titanium, calcium, silica, yttria, and combinations thereof, the refractory material provided in

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powdered form, one or more binders, and a solvent. According to the invention, each step of the repair method can be performed while the component remains installed, e.g., in a gas turbine engine.